

Native Lignin Peroxidase

Cat. No. NATE-0396

Lot. No. (See product label)

Introduction

Description Lignin peroxidase is a fungal enzyme which has a key role in the ligninolytic cycle, the process by which the structural component of plant walls, lignin, is degraded.

Synonyms lignin peroxidase; diarylpropane oxygenase; ligninase I; diarylpropane peroxidase; diarylpropane:oxygen,hydrogen-peroxide oxidoreductase (C-C-bond-cleaving); LiP; 42613-30-9

Product Information

Form powder; slightly beige

CAS No. 93792-13-3

Activity >0.1 units/mg

Unit Definition One unit corresponds to the amount of enzyme, which oxidizes 1 μ mole 3,4-dimethoxybenzyl alcohol per minute at pH 3.0 and 30°C

Usage and Packaging

Package Bottomless glass bottle. Contents are inside inserted fused cone.

Storage and Shipping Information

Storage -20°C